**Individual Weekly Report – Week 6**

**Project: E-commerce Web Application TechPlaza**

**Role: Full Stack Developer, Software Architect**

**Completed Tasks:**

1. The integration of the Postgres Database to the backend code has been successfully completed.
2. Sequelize, a popular Node.js ORM (Object-Relational Mapping) library, has been utilized to establish the necessary connections and interactions with the database.
3. The backend code now supports data retrieval, manipulation, and storage operations, ensuring efficient and secure data management for TechPlaza.
4. Integration with a robust and scalable database like Postgres enhances the reliability and performance of the application.

**Ongoing/In-Progress Tasks:**

1. Work has commenced on refining the Entity-Relationship Diagram (ERD) with Mateo.
2. The ERD represents the relationships and dependencies between the entities (tables) in the database schema.
3. The ongoing work involves reviewing and optimizing the ERD, ensuring the appropriate structure and associations between the entities.
4. Refining the ERD will help establish a solid foundation for the database schema, facilitating data integrity and efficient data retrieval.